

Molecular Cell Research

Vol. 1313, 1996



Cumulative Contents .

Information for Contributors	vii	Involvement of the βγ subunits of inhibitory GTP- binding protein in chemoattractant receptor-medi- ated potentiation of cyclic AMP formation in	
Regulation of endothelin-1 production by a throm- boxane A ₂ mimetic in rat heart smooth muscle cells		guinea pig neutrophils T. Suzuki, O. Hazeki, K. Hazeki, M. Ui and T. Katada (Japan)	72
C.C. Chua, R.C. Hamdy and B.H.L. Chua (USA) Calcium ionophore, A23187, alters the mode of cAMP formation in wild-type S49 murine lymphoma cells	1	Measurement of insulin-like growth factor (IGF)-II binding to purified IGF binding proteins 1-6: comparison of charcoal adsorption and high per- formance size exclusion chromatography	
J. Nakamura (Japan) The effects of post-translational side-chain modifications on the stimulatory activity, serum stability	6	L.A. Bach and M.M. Rechler (USA)	79
and conformation of synthetic peptides carrying T helper cell epitopes L. Otvos Jr., B. Cappelletto, I. Varga, J.D. Wade,		Regular papers	
Z.Q. Xiang, K. Kaiser, L.D.J. Stephens and H.C.J. Ertl (USA, Australia) Oxidative-stress induced protein glutathione mixed-disulfide formation in the ocular lens	11	Suppression of renal γ-glutamylcysteine synthetase expression in dietary copper deficiency S. Kim, J.J. Wilson, K.G.D. Allen and S.D. Clarke (USA)	89
J.A. Willis and T. Schleich (USA) Effect of selenium on selenoprotein P expression in	20	Histamine-induced cytosolic calcium increase in porcine articular chondrocytes	0
cultured liver cells K.E. Hill, H.S. Chittum, P.R. Lyons, M.E. Boeglin		E.R. Horwitz, T.M. Higgins and B.J. Harvey (Ireland)	95
 and R.F. Burk (USA) Maintenance and activation of Cyp2e-1 gene expression in mouse hepatocytes in primary culture 	29	Discrimination between constitutive secretion and basal secretion from the regulated secretory path- way in GH3 cells	
J. Sakurai, Y. Funae and N. Nemoto (Japan) The S29 ribosomal protein increases tumor suppressor activity of Krev-1 gene on v-Kras-trans-	35	A. Varro, J. Nemeth, C.J. Dickinson, T. Yamada and G.J. Dockray (UK, USA) Prostaglandins inhibit pancreatic β-cell replication	10
formed NIH3T3 cells N. Kondoh, M. Noda, R.J. Fisher, C.W. Schweinfest, T.S. Papas, A. Kondoh, K.P. Samuel and T.		and long-term insulin secretion by pertussis toxin-insensitive mechanisms but do not mediate the actions of interleukin-1β	
Oikawa (Japan, USA)	41	Å. Sjöholm (Sweden)	100
Conversion of γ-glutamylcysteinylethyl ester to glutathione in rat hepatocytes K. Nishida, Y. Ohta, M. Ito, Y. Nagamura, S.		Protein kinase C - α is multiply phosphorylated in response to phorbol ester stimulation of PC12 cells	
Kitahara, K. Fujii and I. Ishiguro (Japan) Alzheimer's amyloid precursor protein is expressed on the surface of hematopoietic cells upon activation	47	A. Gatti, X. Wang and P.J. Robinson (Australia) Sulfatide-induced L-selectin activation generates intracellular oxygen radicals in human neutrophils: modulation by extracellular adenosine	11
M.J. Bullido, M.A. Muñoz-Fernandez, M. Re- cuero, M. Fresno and F. Valdivieso (Spain) Isoform-specific redistribution of protein kinase C in	54	T. Bengtsson, M. Grenegård, A. Olsson, F. Sjögren, O. Stendahl and S. Zalavary (Sweden) Production and release of proopiomelanocortin	119
living cells C. Godson, E. Masliah, M.A. Balboa, M.H. Ellis-		(POMC) derived peptides by human melanocytes and keratinocytes in culture: regulation by ultra-	
man and P.A. Insel (USA)	63	violet B	

A.K. Chakraborty, Y. Funasaka, A. Slominski, G. Ermak, J. Hwang, J.M. Pawelek and M. Ichihashi (USA, Japan)	130	Calmodulin and its role in proliferation and differentiation	
Regulation of phosphorylation of Gi2 α protein controls the secretory response to isoproterenol in rat	139	Heme-CO binding to tryptophan-containing calmod- ulin mutants E. Leclerc L'Hostis, L. Leclerc, J. Haiech, C. Poyart and M. C. Marden (France)	209
parotid tissues I. Amano, Y. Ishikawa, T. Eguchi and H. Ishida (Japan)	146	Calmodulin kinase IV: expression and function dur- ing rat brain development J. Krebs and P. Honegger (Switzerland)	217
Effects of protein kinase C and phosphoprotein phos- phatase modulators on Ehrlich cell plasma mem- brane redox system activity		Targeted neutralization of calmodulin in the nucleus blocks DNA synthesis and cell cycle progression <i>J. Wang, K.M. Moreira, B. Campos, M.A. Kaetzel</i>	
A. Del Castillo-Olivares, A. Esteban del Valle, J. Márquez, I. Núñez de Castro and M.A. Medina (Spain)	157	and J.R. Dedman (USA)	223
Activation of mesangial cells with TNF-α stimulates M-CSF gene expression and monocyte prolifera- tion: evidence for involvement of protein kinase C		S100 proteins: functional studies and patholo	ogy
and protein tyrosine kinase V.S. Kamanna, R. Pai, B. Bassa and M.A. Kirschenbaum (USA)	161	Nucleotide homologies in genes encoding members of the S100 protein family D.B. Zimmer, J. Chessher and W. Song (USA)	229
Information for Contributors	vii	S100 β induces apoptotic cell death in cultured astrocytes via a nitric oxide-dependent pathway	
Preface	xi	J. Hu and L.J. Van Eldik (USA) Regulation and proinflammatory properties of the	239
Review		chemotactic protein, CP-10 C. Geczy (Australia)	246
The role of altered [Ca ²⁺] _i regulation in apoptosis, oncosis, and necrosis B.F. Trump and I.K. Berezesky (USA)	173	Altered expression of the Ca ²⁺ -binding protein S100A1 in human cardiomyopathy A. Remppis, T. Greten, B.W. Schäfer, P. Hun-	
EF-hand type proteins: structural and func-		ziker, P. Erne, H.A. Katus and C.W. Heizmann (Switzerland, Germany)	253
tional properties Human recombinant alpha-parvalbumin and nine mutants with individually inactivated calcium- and		S-100 (α and β) binding peptide (TRTK-12) blocks S-100/GFAP interaction: identification of a puta- tive S-100 target epitope within the head domain of GFAP	
magnesium-binding sites: biochemical and immunological properties J.A. Rhyner, I. Durussel, J.A. Cox, E.C. Ilg, B.W. Schäfer and C. W. Heizmann (Switzenland)	179	R. Bianchi, M. Garbuglia, M. Verzini, I. Gi- ambanco, V.V. Ivanenkov, R.V.W. Dimlich, G.A. Jamieson Jr. and R. Donato (Italy, USA)	258
Schäfer and C. W. Heizmann (Switzerland) Calbindin localization in African giant rat kidney (Cricetomys gambianus) K. Moutairou, N. Hayez, V. Pohl, G. Pattyn and	179	Characterization of type III intermediate filament regulatory protein target epitopes: S-100 (β and/or α) binds the N-terminal head domain; annexin II ₂ -p11 ₂ binds the rod domain	
 R. Pochet (République du Bénin, Belgium) The expression of calretinin in transfected PC12 cells provides no protection against Ca²⁺-overload or trophic factor deprivation 	187	M. Garbuglia, M. Verzini, R.V.W. Dimlich, G.A. Jamieson Jr. and R. Donato (Italy, USA)	268
J. Kuźnicki, K.R. Isaacs and D.M. Jacobowitz (USA)	194	Annexins: structure and functions	
Change of calretinin expression in the human colon adenocarcinoma cell line HT29 after differentiation R. Cargnello, M.R. Celio, B. Schwaller and V.		The crystal structure of annexin VI indicates relative rotation of the two lobes upon membrane binding H. Kawasaki, A. Avila-Sakar, C.E. Creutz and	
Gotzos (Switzerland)	201	R.H. Kretsinger (USA, Japan)	277

Mapping of a regulatory important site for protein kinase C phosphorylation in the N-terminal domain of annexin II		Altered expression of annexin II in human B-cell lymphoma cell lines Y. Chiang, R.G. Davis and J.K. Vishwanatha	
M. Jost and V. Gerke (Germany)	283	(USA)	295
Annexins and protein kinases C T. Dubois, J.P. Oudinet, J.P. Mira and F. Russo-		Cumulative Contents, Vol. 1313	303
Marie (France)	290	Author Index	300